

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

Date March 14, 2011 EPA Reg. No./File 6836-274 Page 1 of 4 Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the	00137709	Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3	Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	
	Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
	Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		44801903	LONZA, Inc.	OWN	
830.1700/62-1 through	Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3	Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	1
	1	41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		48272101	LONZA, Inc.	OWN	
		48272102	LONZA, Inc.	OWN	
830.6302/63-2	Color	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6303/63-3	Physical State	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6304/63-4	Odor	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7200/63-5	Melting Point	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
300.7 200,000 0		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7220/63-6	Boiling Point				N/A: Footnote 2

Signature	Name and Title:	Date
Spans Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
	Services Associate	



Form Approved OMB No. 2070-0060

		DATA MATRI	X		
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 2 of 4
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5B		
Ingredient(s): (a) 1-bromo-3	-chloro-5,5-dimethylhydantoin; (b) 1,3-dich	nloro-5,5-dimethyll	nydantoin; and, (c) 1,3-dichloro-5	-ethyl-5-methylhy	dantoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300/63-7	Density/Relative Density/Bulk Density	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7840/63-8	Solubility (Column elution/shake flask)	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7950/63-9	Vapor Pressure	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7370/63-10	Dissociation Constant	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7550/7560/7570/63-11	Partition Coefficient	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.7000/63-12	рН	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6313/63-13	Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 8
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901	Glyco, Inc. (Co. #38906) LONZA, Inc.	OLD OWN	Footnote 1
Signature Stanno Holce	mbe		Name and Title: Joanna Holcombe, Sr. Commercia Services Associate	al Regulatory	Date March 14, 2011



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DATA MATRIX Date March 14, 2011 EPA Reg. No./File 6836-274 Page 3 of 4 Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6315/63-15	Flammability				N/A: Footnote 3
830.6316/63-16	Explodability				N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
	,	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7100/63-18	Viscosity				N/A: Footnote 5
830.6319/63-19	Miscibility				N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6321/63-21	Dielectric Breakdown Voltage				N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227	Glyco, Inc. (Co. #38906)	OWN	
	·	00161229	Glyco, Inc. (Co. #38906)	OWN	
		00158022	Glyco, Inc. (Co. #38906)	OWN	
		00158023	Glyco, Inc. (Co. #38906)	OWN	
		00158027	Glyco, Inc. (Co. #38906)	OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020	Glyco, Inc. (Co. #38906)	OWN	
	'	00158021	Glyco, Inc. (Co. #38906)	OWN	
		00158028	Glyco, Inc. (Co. #38906)	OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024	Glyco, Inc. (Co. #38906)	OWN	
	<u> </u>	00158029	Glyco, Inc. (Co. #38906)	OWN	l .
870.2400/81-4	Primary Eye Irritation	00165636	Glyco, Inc. (Co. #38906)	OWN	
		00158018	Glyco, Inc. (Co. #38906)	OWN	
		00158025	Glyco, Inc. (Co. #38906)	OWN	
870.2500/81-5	Primary Dermal Irritation	00161228	Glyco, Inc. (Co. #38906)	OWN	
	1	00158019	Glyco, Inc. (Co. #38906)	OWN	

Signature	Name and Title:	Date
Spana Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
	Services Associate	



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DATA MATRIX							
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 4 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom TBS-5B					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-di	chloro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichloro-5	ethyl-5-methylhyda	ntoin		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
		00158026	Glyco, Inc. (Co. #38906)	OWN			
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN			
810.1000/91-7(b)	Product Performance Enterococcus faecalis, ATCC 11700 Salmonella enterica, ATCC 10708 Staphylococcus aureus, ATCC 6538 Escherichia coli, ATCC 11229	44801904	LONZA, Inc.	OWN			
810.1000/91-7(b)	Product Performance Staphylococcus aureus, ATCC 6538 Escherichia coli, ATCC 11229	44801905	LONZA, Inc.	OWN			

FOOTNOTES:

- 1 The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- ? These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.

 These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- 4 These data are not required under 40 CFR §158.190 because the subject end-use product is <u>not</u> explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> an emulsifiable liquid intended to be diluted with petroleum solvents.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> a liquid intended to be used around electrical equipment.
- 8 These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in guestion.

Signature	Name and Title:	Date
Spanna Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
Communication of the communica	Services Associate	



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Do not send the form to this address. **DATA MATRIX** Date March 14, 2011 EPA Reg. No./File **6836-274** Page 1 of 4 Applicant's/Registrant's Name & Address: Product Lonza Inc. **Dantobrom TBS-5B** 90 Boroline Road Allendale, NJ 07401 Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin Outstation Other No. T MDID North

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	21.000		Glyco, Inc. (Co. #38906)	OWN	
			Glyco, Inc. (Co. #38906)	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			Glyco, Inc. (Co. #38906)	OWN	
			Glyco, Inc. (Co. #38906)	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
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			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
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			Glyco, Inc. (Co. #38906)	OLD	
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(LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			Glyco, Inc. (Co. #38906)	OLD	ĺ
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			Glyco, Inc. (Co. #38906)	OLD	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			Glyco, Inc. (Co. #38906)	OLD	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	
			LONZA, Inc.	OWN	

Signature	Name and Title:	Date
Spanne Holcombe	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
	Services Associate	



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DATA MATRIX						
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 2 of 4	
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom TBS-5B			
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dic	hloro-5,5-dimethyl	hydantoin; and, (c) 1,3-dichloro-5	-ethyl-5-methylhyda	intoin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN		
			Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. Glyco, Inc. (Co. #38906)	OLD OWN OWN OWN		
			LONZA, Inc.	OWN		
Signature Spanna Holcon	nbe		Name and Title: Joanna Holcombe, Sr. Commercia	al Regulatory	Date March 14, 2011	



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DATA MATRIX						
Date March 14, 2011			EPA Reg. No./File 6836-274		Page 3 of 4	
Applicant's/Registrant's Name 8	& Address:		Product	 		
Lonza Inc.			Dantobrom TBS-5B			
90 Boroline Road						
\lendale, NJ 07401						
	chloro-5,5-dimethylhydantoin; (b)		nydantoin; and, (c) 1,3-dichloro-5-6	ethyl-5-methylhydan	toin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
			LONZA, Inc.	OWN		
			LONZA, Inc.	OWN		
				709		
			Glyco, Inc. (Co. #38906)	OLD		
			LONZA, Inc.	OWN		
			LONZA, Inc.	OWN		
			LONZA, Inc.	OWN 		
			Glyco, Inc. (Co. #38906)	OLD OWN		
			LONZA, Inc. LONZA, Inc.	OWN		
			LONZA, Inc.	OWN	1	
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
		1	Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
		į	Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN		
			Glyco, Inc. (Co. #38906)	OWN	<u> </u>	
Signature			Name and Title:		Date	
Janna Holce	mbe		Joanna Holcombe, Sr. Commercia	I Regulatory	March 14, 2011	
770 25 (0 07) Floatrasia and Ban			Services Associate	Agonov Internal		



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DATA MATRIX							
Date March 14, 2011	Date March 14, 2011		EPA Reg. No./File 6836-274		Page 4 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom TBS-5B					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dich	loro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydanto	in		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
			Glyco, Inc. (Co. #38906)	OWN			
			Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN			
			LONZA, Inc.	OWN			
			LONZA, Inc.	OWN			

FOOTNOTES:

Signature	Name and Title:	Date
Barra Holcombi	Joanna Holcombe, Sr. Commercial Regulatory	March 14, 2011
	Services Associate	



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DATA MATRIX

		DATA WATER			
Date			EPA Reg. No./File 6836-274		Page 1 of 4
Applicant's/Registrant's Name 8	& Address:		Product		1
Lonza Inc.			Dantobrom TBS-5b		
90 Boroline Road			Dantobioiii 120-05		
Allendale, NJ 07401					
	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-et	thyl-5-methylhydanto	oin
eline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the	00137709	Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3	Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	
	Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
	Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	1
		43695401	LONZA, Inc.	OWN	
		44801903	LONZA, Inc.	OWN	
830.1700/62-1 through	Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3	Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	
	,	41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	1
		Not yet assigned	LONZA, Inc.	OWN	
		Not yet assigned	LONZA, Inc.	OWN	
830.6302/63-2	Color	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6303/63-3	Physical State	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
	,	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6304/63-4	Odor	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7200/63-5	Melting Point	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
200 20000 0		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
Ken Macro		



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		DATA MATRIX	K		
Date			EPA Reg. No./File 6836-274		Page 2 of 4
Applicant's/Registrant's Name 8	& Address:		Product		
Lonza Inc.			Dantobrom TBS-5b		
90 Boroline Road					
Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-di	chloro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-et	hyl-5-methylhydanto	in
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220/63-6	Boiling Point				N/A: Footnote 2
830.7300/63-7	Density/Relative Density/Bulk Density	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
		43695402			
830.7840/63-8	Solubility (Column elution/shake flask)	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
200 7050/00 0		41952702	LONZA, Inc.	OWN	Fastureta 0
830.7950/63-9	Vapor Pressure	00165354	Glyco, Inc. (Co. #38906)	OLD OWN	Footnote 8
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc. LONZA, Inc.	OWN	
000 7070/00 40	5:	41952702 00165354		OLD	Footnote 8
830.7370/63-10	Dissociation Constant	41088901	Glyco, Inc. (Co. #38906) LONZA, Inc.	OWN	Foothole 6
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
820 7550/7560/7570/63-11	Dodition Coefficient	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
6 7550/7560/7570/63-11	Partition Coefficient	41088901	LONZA, Inc.	OWN	1 oothole o
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7000/63-12	pH	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
030.7000/03-12	pri	41088901	LONZA, Inc.	OWN	1 dolliote 1
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6313/63-13	Stability	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
300.00 (5.00)		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Kine Spains		



Form Approved OMB No. 2070-0060

DATA MATRIX					
Date			EPA Reg. No./File 6836-274		Page 3 of 4
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road	& Address:		Product Dantobrom TBS-5b		
Allendale, NJ 07401 Ingredient(s): (a) 1-bromo-3-	-chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylhyd	│ lantoin; and, (c) 1,3-dichloro-5-e	ethyl-5-methylhydan	toin
Jine Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6315/63-15	Flammability				N/A: Footnote 3
830.6316/63-16	Explodability				N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity				N/A: Footnote 5
830.6319/63-19	Miscibility				N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage				N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Kan Mucin		



Form Approved OMB No. 2070-0060

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		DATA MATRI	X		
Date			EPA Reg. No./File 6836-274		Page 4 of 4
Applicant's/Registrant's Name	& Address:		Product		
Lonza Inc.			Dantobrom TBS-5b		
90 Boroline Road					
Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3	-chloro-5,5-dimethylhydantoin; (b)	1,3-dichloro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
1 8					-
870.2400/81-4	Primary Eye Irritation	00165636	Glyco, Inc. (Co. #38906)	OWN	
		00158018	Glyco, Inc. (Co. #38906)	OWN	
		00158025	Glyco, Inc. (Co. #38906)	OWN	
870.2500/81-5	Primary Dermal Irritation	00161228	Glyco, Inc. (Co. #38906)	OWN	
		00158019	Glyco, Inc. (Co. #38906)	OWN	
		00158026	Glyco, Inc. (Co. #38906)	OWN	
870.2600/81-6	Skin Sensitization	00084178	Glyco, Inc. (Co. #38906)	OWN	
		00128160	Glyco, Inc. (Co. #38906)	OWN	
		00161228	Glyco, Inc. (Co. #38906)	OWN	
91-7(b)	Product Performance	44801904	LONZA, Inc.	OWN	
		44801905	LONZA, Inc.	OWN	

FOOTNOTES:

- The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 lese data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- 4 mese data are not required under 40 CFR §158.190 because the subject end-use product is <u>not</u> explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> an emulsifiable liquid intended to be diluted with petroleum solvents.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> a liquid intended to be used around electrical equipment.
- These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature	Name and Title:	Date
Han Maria	Kari Mavian, Director, Regulatory Services	October 22, 2010



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		DATA MATRIX				
Date October 22, 2010			EPA Reg. No./File 6836-274		Page 1 of 2	
Applicant's/Registrant's Name &	Applicant's/Registrant's Name & Address:		Product			
Lonza Inc.			Dantobrom TBS-5b			
90 Boroline Road						
Allendale, NJ 07401						
Incredient(s): (a) 1-bromo-3-6	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-eth	nyl-5-methylhydant	oin	
	Guideline Study Name	MRID Number	Submitter	Status	Not	ie
830.1550/61-1 through	Product Identity and Composition, Description of the					
830.1670/61-3	Materials Used to Produce the Product, Description of the Manufacturing Process and			}		
	Discussion of Formation of Impurities					
830.1700/62-1 through	Preliminary Analysis, Certified Limits and					
830.1800/62-3	Enforcement Analytical Method				\perp	
830.6302/63-2	Color					
830.6303/63-3	Physical State					
830.6304/63-4	Odor					
830.7200/63-5	Melting Point					
830.7220/63-6	Boiling Point					
830.7300/63-7	Density/Relative Density/Bulk Density					
830.7840/63-8	Solubility (Column elution/shake flask)					
830.7950/63-9	Vapor Pressure					
830.7370/63-10	Dissociation Constant					
.7550/7560/7570/63-11	Partition Coefficient					
830.7000/63-12	рН					
830.6313/63-13	Stability					
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility					
830.6315/63-15	Flammability					
830.6316/63-16	Explodability					
830.6317/63-17	Storage Stability					
830.7100/63-18	Viscosity					
830.6319/63-19	Miscibility					
830.6320/63-20	Corrosion Characteristics					
830.6321/63-21	Dielectric Breakdown Voltage					
Signature			Name and Title:		Date	
	/		Kari Mavian, Director, Regulatory S			ober 22, 2010
Kanshu	Marine Marine					



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DATA MATRIX						
Date October 22, 2010			EPA Reg. No./File 6836-274		Page 2 of 2	
Applicant's/Registrant's Name 8 Lonza Inc. 90 Boroline Road	& Address:		Product Dantobrom TBS-5b			
Allendale, NJ 07401						
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-etl	nyl-5-methylhydantoi	n	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
870.1100/81-1	Acute Oral Toxicity					
870.1200/81-2	Acute Dermal Toxicity					
870.1300/81-3	Acute Inhalation Toxicity					
870.2400/81-4	Primary Eye Irritation					
870.2500/81-5	Primary Dermal Irritation					
870.2600/81-6	Skin Sensitization					
91-7(b)	Product Performance					

	Name and Title:	Date
Kardfrein	Kari Mavian, Director, Regulatory Services	October 22, 2010



Form Approved OMB No. 2070-0060

		DATA MATRIX	-Generic		
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 1 of 4
Applicant's/Registrant's Name 8 Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Address:		Product Dantobrom		
	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydanto	oin
G ne Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709 00165354 41088901 42888901 43695401	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360 00165354 41952701 42888901 43315901 43695401 Not yet assigned Not yet assigned	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
830.1750/62-2 through 830.7950	Physical and Chemical Properties	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck	42865601 00145353 00145354 00145355	LONZA, Inc. Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail	42865602	LONZA, Inc.	OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck	42865603	LONZA, Inc.	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish	00145356	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout	00145358	Glyco, Inc. (Co. #38906)	OWN	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	00145357	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms	40993103 40993101 40993102	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
Signature Line Mayor	st ca-		Name and Title: Kari Mavian, Director, Regulatory	Services	Date October 22, 2010



Form Approved OMB No. 2070-0060

		DATA MATRIX	(
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 2 of 4
Applicant's/Registrant's Name 8 Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dich	oro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydar	ntoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400/ 72-4	Fish Early Life-Stage Toxicity	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
850.1300/ 72-4	Aquatic Invertebrate Life Cycle	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN	
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day	42009201	LONZA, Inc.	OWN	
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day	44111901	LONZA, Inc.	OWN	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	43173901 43688402	LONZA, Inc. LONZA, Inc.	OWN OWN	

Signature	Name and Title:	Date
$\gamma \neq \gamma$	Kari Mavian, Director, Regulatory Services	October 22, 2010
August Marine		
7 100		



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DATA MATRIX

Date October 22, 20	10		EPA Reg. No./File 6836-117		Page 3 of 4
Applicant's/Registrant's Na Lonza Inc. 90 Boroline Road Allendale, NJ 07401	ame & Address:		Product Dantobrom		
Ingredient(s): (a) 1-brom	no-3-chloro-5,5-dimethylhydantoin; (b) 1,3-di	chloro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydar	ntoin
G ne Reference Num	ber Guideline Study Name	MRID Number	Submitter	Status	Note
870.4100/83-1	Chronic Feeding Toxicity	43397702 43553101 43688403 43972101 44111902 44299101	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	
870. 4200/83-2	Oncogenicity	43397701 43397702 43688403 43688405	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
870.3700/83-3	Teratogenicity/ Developmental Toxicity	42205401 42432701 43688401 43688406	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
870.3800/83-4	Reproduction and Fertility Effects	43290601 43688404 44243001	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
5100 - 870.5915/	84-2 Genetic Toxicity	00137711	Glyco, Inc. (Co. #38906)	OWN	
870.7485/85-1	Metabolism and Pharmokinetics	42123801 42123802 42173901 42173902 43020401 43020402	LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN OWN	

Signature	Name and Title:	Date
Kan Maria	Kari Mavian, Director, Regulatory Services	October 22, 2010
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		DATAMATRIX	- Generic		
Date October 22, 2010			EPA Reg. No./File 6836-117	EPA Reg. No./File 6836-117	
Applicant's/Registrant's Name 8	Address:		Product		
Lonza Inc.			Dantobrom		
90 Boroline Road					
Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-eth	nyl-5-methylhydantoi	n
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
² 0.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product,				
	Description of the Manufacturing Process and Discussion of Formation of Impurities				
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.1750/62-2 through 830.7950	Physical and Chemical Properties				
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck				
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish				
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout				
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates				
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms				
850.1400/ 72-4	Fish Early Life-Stage Toxicity				
850.1300/ 72-4	Aquatic Invertebrate Life Cycle				
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day				
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day				
Signature	nature Name and Title: Date				

October 22, 2010

Kari Mavian, Director, Regulatory Services



Form Approved OMB No. 2070-0060

DATA MATRIX						
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 2 of 2	
Applicant's/Registrant's Name & Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Address:		Product Dantobrom			
Ingredient(s): (a) 1-bromo-3-c	hloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-eth	ıyl-5-methylhydantoin		
eline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days					
870.4100/83-1	Chronic Feeding Toxicity					
870. 4200/83-2	Oncogenicity					
870.3700/83-3	Teratogenicity/ Developmental Toxicity					
870.3800/83-4	Reproduction and Fertility Effects					
870. 5100 - 870.5915/84-2	Genetic Toxicity					
870.7485/85-1	Metabolism and Pharmokinetics					
875.1200/133-3	Applicator Exposure					
835.2110 or 835.2120/161-1	Hydrolysis					
835.2240/161-2	Photodegradation in water					
162-3	Anaerobic Aquatic Metabolism					
162-4	Aerobic Aquatic Metabolism					
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption					
850.1730165-4	Bioconcentration In Fish Organisms					
* Please note that Lonza, Inc	c. is currently an active member in good stand	ding with the Antimic	crobial Exposure Assessment Task	Force headed by the A	American	

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
Han Marcin		

Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Emical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.



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DATA MATRIX				
Date October 22, 2010	EPA Reg. No./File 6836-274	Page 1 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Product Dantobrom TBS-5b			

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the	00137709	Glyco, Inc. (Co. #38906)	OWN	
830.1670/61-3	Materials Used to Produce the Product,	00165354	Glyco, Inc. (Co. #38906)	OWN	ļ
	Description of the Manufacturing Process and	41088901	LONZA, Inc.	OWN	
	Discussion of Formation of Impurities	42888901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		44801903	LONZA, Inc.	OWN	
830.1700/62-1 through	Preliminary Analysis, Certified Limits and	00145360	Glyco, Inc. (Co. #38906)	OWN	
830.1800/62-3	Enforcement Analytical Method	00165354	Glyco, Inc. (Co. #38906)	OWN	
		41952701	LONZA, Inc.	OWN	
		42888901	LONZA, Inc.	OWN	
		43315901	LONZA, Inc.	OWN	
		43695401	LONZA, Inc.	OWN	
		Not yet assigned	LONZA, Inc.	OWN	
		Not yet assigned	LONZA, Inc.	OWN	
830.6302/63-2	Color	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6303/63-3	Physical State	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	\$
830.6304/63-4	Odor	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
	1	41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7200/63-5	Melting Point	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
300 200.00		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	

Signature	Name and Title:	Date
Kan Musin	Kari Mavian, Director, Regulatory Services	October 22, 2010



Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for registration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX				
Date October 22, 2010	EPA Reg. No./File 6836-274	Page 2 of 4		
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401	Product Dantobrom TBS-5b			

Ingredient(s): (a) 1-bromo-3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichloro-5,5-dimethylhydantoin; and, (c) 1,3-dichloro-5-ethyl-5-methylhydantoin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220/63-6	Boiling Point				N/A: Footnote
830.7300/63-7	Density/Relative Density/Bulk Density	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	İ
		41952702	LONZA, Inc.	OWN	
		43695402			
830.7840/63-8	Solubility (Column elution/shake flask)	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7950/63-9	Vapor Pressure	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
	,	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7370/63-10	Dissociation Constant	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7550/7560/7570/63-11	Partition Coefficient	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
		41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.7000/63-12	pH	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 1
	'	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	
830.6313/63-13	Stability	00165354	Glyco, Inc. (Co. #38906)	OLD	Footnote 8
	,	41088901	LONZA, Inc.	OWN	
		41458801	LONZA, Inc.	OWN	
		41952702	LONZA, Inc.	OWN	

		
Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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		DATA MATRI	X		
Date October 22, 2010			EPA Reg. No./File 6836-274		Page 3 of 4
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5b		
Ingredient(s): (a) 1-bromo-3-	-chloro-5,5-dimethylhydantoin; (b) 1,3-dich	loro-5,5-dimethylh	/dantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydar	ntoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6315/63-15	Flammability				N/A: Footnote 3
830.6316/63-16	Explodability				N/A: Footnote 4
830.6317/63-17	Storage Stability	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.7100/63-18	Viscosity				N/A: Footnote 5
830.6319/63-19	Miscibility				N/A: Footnote 6
830.6320/63-20	Corrosion Characteristics	00165354 41088901 41458801 41952702	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OLD OWN OWN OWN	Footnote 1
830.6321/63-21	Dielectric Breakdown Voltage				N/A: Footnote 7
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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		DATA MATRI	X		
Date October 22, 2010			EPA Reg. No./File 6836-274		Page 4 of 4
Applicant's/Registrant's Name Lonza Inc. 90 Boroline Road Allendale, NJ 07401	& Address:		Product Dantobrom TBS-5b		
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b)	1,3-dichloro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	3
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
91-7(b)	Product Performance	44801904 44801905	LONZA, Inc. LONZA, Inc.	OWN OWN	

FOOTNOTES:

- The subject product is identical in composition to Dantobrom (EPA Reg. No. 6836-117) and Dantobrom TBS (EPA Reg. No. 6836-255). Therefore, the physical and chemical characteristics data on file for these two registered products is being used to support the registration of the subject product.
- 2 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid at room temperature.
- 3 These data are not required under 40 CFR §158.190 because the subject end-use product does not contain any combustible liquids.
- These data are not required under 40 CFR §158.190 because the subject end-use product is <u>not</u> explosive nor does it contain any potentially explosive components.
- 5 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid.
- These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> an emulsifiable liquid intended to be diluted with petroleum solvents.
- 7 These data are not required under 40 CFR §158.190 because the subject end-use product is a solid; i.e., it is <u>not</u> a liquid intended to be used around electrical equipment.
- These data are not required for end-use products under 40 CFR §158.190. Data for the TGAI and PAI should already be on file with the Agency for the active ingredients in question.

Signature	Name and Title:	Date
Ame Mourie	Kari Mavian, Director, Regulatory Services	October 22, 2010



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{		DATA MATR	IX		
Date			EPA Reg. No./File 6836-27	4	Page 1 of 2
Applicant's/Registrant's Name 8	& Address:		Product		
Lonza Inc.			Dantobrom TBS-5b		
90 Boroline Road					
Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylh	ydantoin; and, (c) 1,3-dichlo	pro-5-ethyl-5-methylhy	/dantoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and				
830.1700/62-1 through 830.1800/62-3	Discussion of Formation of Impurities Preliminary Analysis, Certified Limits and Enforcement Analytical Method				
830.6302/63-2	Color	}			
830.6303/63-3	Physical State				
830.6304/63-4	Odor				
830.7200/63-5	Melting Point				
830.7220/63-6	Boiling Point				
830.7300/63-7	Density/Relative Density/Bulk Density				
830.7840/63-8	Solubility (Column elution/shake flask)				
830.7950/63-9	Vapor Pressure				
830.7370/63-10	Dissociation Constant				
830.7550/7560/7570/63-11	Partition Coefficient				
830.7000/63-12	рН				
830.6313/63-13	Stability				
830.6314/63-14	Oxidation/Reduction: Chemical Compatibility				
830.6315/63-15	Flammability				
830.6316/63-16	Explodability				
830.6317/63-17	Storage Stability				
830.7100/63-18	Viscosity				
830.6319/63-19	Miscibility				
830.6320/63-20	Corrosion Characteristics				
830.6321/63-21	Dielectric Breakdown Voltage				
Signature Kan Mar	of the second		Name and Title: Kari Mavian, Director, Regu	ulatory Services	Date October 22, 2010
EPA Form 8570-35 (9-97) Flectronic and Pane	er versions available. Submit only Paper version			Agenc	v Internal Use Copy



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		DATA MATRI	X		
Date October 22, 2010			EPA Reg. No./File 6836-274		Page 2 of 2
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401		Product Dantobrom TBS-5b			
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydantoii	n
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100/81-1	Acute Oral Toxicity				L
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
91-7(b)	Product Performance				

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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Form Approved OMB No. 2070-0060

		DATA MATRIX	Cheneric		
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 1 of 4
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom		
Ingredient(s): (a) 1-bromo-	3-chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhyd	antoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydar	ntoin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through 830.1670/61-3	Product Identity and Composition, Description of the Materials Used to Produce the Product, Description of the Manufacturing Process and Discussion of Formation of Impurities	00137709 00165354 41088901 42888901 43695401	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
830.1700/62-1 through 830.1800/62-3	Preliminary Analysis, Certified Limits and Enforcement Analytical Method	00145360 00165354 41952701 42888901 43315901 43695401 Not yet assigned Not yet assigned	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc.	OWN OWN OWN OWN OWN OWN	
830.1750/62-2 through 830.7950	Physical and Chemical Properties	00165354 41088901 41458801 41952702 43695402	Glyco, Inc. (Co. #38906) LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN OWN	
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck	42865601 00145353 00145354 00145355	LONZA, Inc. Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail	42865602	LONZA, Inc.	OWN	
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck	42865603	LONZA, Inc.	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish	00145356	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout	00145358	Glyco, Inc. (Co. #38906)	OWN	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	00145357	Glyco, Inc. (Co. #38906)	OWN	
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms	40993103 40993101 40993102	LONZA, Inc. LONZA, Inc. LONZA, Inc.	OWN OWN OWN	
Signature And Man	Paner versions available. Submit only Paner version		Name and Title: Kari Mavian, Director, Regulator		Date October 22, 2010



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		DATA MATRIX	<u> </u>		
ate October 22, 2010			EPA Reg. No./File 6836-117		Page 2 of 4
pplicant's/Registrant's Name 8 .onza Inc. .0 Boroline Road .llendale, NJ 07401	& Address:		Product Dantobrom		
ngredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dich	oro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-e	ethyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1400/ 72-4	Fish Early Life-Stage Toxicity	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
850.1300/ 72-4	Aquatic Invertebrate Life Cycle	42721701 42721702	LONZA, Inc. LONZA, Inc.	OWN OWN	
870.1100/81-1	Acute Oral Toxicity	00161227 00161229 00158022 00158023 00158027	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN OWN	
870.1200/81-2	Acute Dermal Toxicity	00158020 00158021 00158028	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.1300/81-3	Acute Inhalation Toxicity	00158024 00158029	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN	
870.2400/81-4	Primary Eye Irritation	00165636 00158018 00158025	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2500/81-5	Primary Dermal Irritation	00161228 00158019 00158026	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.2600/81-6	Skin Sensitization	00084178 00128160 00161228	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN	
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day	42009201	LONZA, Inc.	OWN	
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day	44111901	LONZA, Inc.	OWN	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days	43173901 43688402	LONZA, Inc. LONZA, Inc.	OWN	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
Agent Marian		



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		DATA MATRIX	(
Date October 22, 2010			EPA Reg. No./File 6836-117		Page 3 of 4
Applicant's/Registrant's Name &	Address:		Product		
Lonza Inc.			Dantobrom		
90 Boroline Road			Builtobioni		
Allendale, NJ 07401					
	chloro-5,5-dimethylhydantoin; (b) 1,3-dio	chloro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydan	toin
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4100/83-1	Chronic Feeding Toxicity	43397702	LONZA, Inc.	OWN	
870.4100/00-1	Official Coding Toxicity	43553101	LONZA, Inc.	OWN	
		43688403	LONZA, Inc.	OWN	
		43972101	LONZA, Inc.	OWN	
		44111902	LONZA, Inc.	OWN	
		44299101	LONZA, Inc.	OWN	
870. 4200/83-2	Oncogenicity	43397701	LONZA, Inc.	OWN	
		43397702	LONZA, Inc.	OWN	
		43688403	LONZA, Inc.	OWN	
		43688405	LONZA, Inc.	OWN	
870.3700/83-3	Teratogenicity/ Developmental Toxicity	42205401	LONZA, Inc.	OWN	1
		42432701	LONZA, Inc.	OWN	1
		43688401	LONZA, Inc.	OWN	
		43688406	LONZA, Inc.	OWN	
870.3800/83-4	Reproduction and Fertility Effects	43290601	LONZA, Inc.	OWN	
		43688404	LONZA, Inc.	OWN	
		44243001	LONZA, Inc.	OWN	
870. 5100 - 870.5915/84-2	Genetic Toxicity	00137711	Glyco, Inc. (Co. #38906)	OWN	
870.7485/85-1	Metabolism and Pharmokinetics	42123801	LONZA, Inc.	OWN	
		42123802	LONZA, Inc.	OWN	
		42173901	LONZA, Inc.	OWN	
		42173902	LONZA, Inc.	OWN	
		43020401	LONZA, Inc.	OWN	
		43020402	LONZA, Inc.	OWN	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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		DATA MATRIX	(
Date October 22, 2010		EPA Reg. No./File 6836-117	Page 4 of 4			
Applicant's/Registrant's Name & Address: Lonza Inc. 90 Boroline Road Allendale, NJ 07401			Product Dantobrom			
Ingredient(s): (a) 1-bromo-3-c	chloro-5,5-dimethylhydantoin; (b) 1,3-di	chloro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichloro-5-e	thyl-5-methylhydani	oin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
875.1200/133-3	Applicator Exposure	41412200 41412201 41742600 41742601 42587500 42587501	ACC (#63394) ACC (#63394) ACC (#63394) ACC (#63394) ACC (#63394) ACC (#63394)	OWN* OWN* OWN* OWN* OWN*		
835.2110 or 835.2120/161-1	Hydrolysis	00137710 00158017 42466201	Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906) LONZA, Inc.	OWN OWN OWN		
835.2240/161-2	Photodegradation in water	42466202 00143052 00158017	LONZA, Inc. Glyco, Inc. (Co. #38906) Glyco, Inc. (Co. #38906)	OWN OWN OWN		
162-3	Anaerobic Aquatic Metabolism	42895801 42895802	LONZA, Inc. LONZA, Inc.	OWN OWN		
162-4	Aerobic Aquatic Metabolism	42895803 42895804	LONZA, Inc. LONZA, Inc.	OWN OWN		
835.1230 or 835.1240/163-1 850.1730165-4	Leaching and Adsorption/Desorption Bioconcentration In Fish Organisms	42466203 42721703	LONZA, Inc.	OWN OWN		

Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.

Signature	Name and Title: Kari Mavian, Director, Regulatory Services	Date October 22, 2010
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DATA STATISTY

		DATA MATRI	- Generic		
Date October 22, 2010			EPA Reg. No./File 6836-117	Page 1 of 2	
Applicant's/Registrant's Name & Address:			Product		
Lonza Inc.			Dantobrom		
90 Boroline Road					
Allendale, NJ 07401					
Ingredient(s): (a) 1-bromo-3-	chloro-5,5-dimethylhydantoin; (b) 1,3-dichlo	oro-5,5-dimethylhy	/dantoin; and, (c) 1,3-dichloro-5	5-ethyl-5-methylhydanto	in
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550/61-1 through	Product Identity and Composition, Description of the				
830.1670/61-3	Materials Used to Produce the Product, Description of the Manufacturing Process and				
	Discussion of Formation of Impurities				
830.1700/62-1 through	Preliminary Analysis, Certified Limits and				
830.1800/62-3 830.1750/62-2 through	Enforcement Analytical Method Physical and Chemical Properties				
830.1750/62-2 (firough	Friysical and Chemical Froperties				
850.2100/ 71-1	Acute Avian Oral Toxicity: Bobwhite Quail or Mallard Duck				
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Bobwhite Quail	ļ			
850.2200/ 71-2	Avian Subacute Dietary Toxicity: Mallard Duck				
850.1075/ 72-1	Freshwater Fish Toxicity: Bluegill Sunfish				
850.1075/ 72-1	Freshwater Fish Toxicity: Rainbow Trout				
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates				
850.1075/ 72-3	Acute Toxicity- Estuarine/Marine Organisms				
850.1400/72-4	Fish Early Life-Stage Toxicity				
850.1300/ 72-4	Aquatic Invertebrate Life Cycle				
870.1100/81-1	Acute Oral Toxicity				
870.1200/81-2	Acute Dermal Toxicity				
870.1300/81-3	Acute Inhalation Toxicity				
870.2400/81-4	Primary Eye Irritation				
870.2500/81-5	Primary Dermal Irritation				
870.2600/81-6	Skin Sensitization				
870.3100/82-1	Subchronic Rodent Oral Toxicity, 90-Day				
870.3150/82-1	Subchronic Nonrodent Oral Toxicity, 90-Day				
			-		

Name and Title:

Kari Mavian, Director, Regulatory Services

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Signature

Date

October 22, 2010



Form Approved OMB No. 2070-0060

		DATA MATRI	X			
Date October 22, 2010		EPA Reg. No./File 6836-11	EPA Reg. No./File 6836-117			
Applicant's/Registrant's Name &	Address:		Product			
Lonza Inc.			Dantobrom			
90 Boroline Road						
Allendale, NJ 07401						
Ingredient(s): (a) 1-bromo-3-c	chloro-5,5-dimethylhydantoin; (b) 1,3-dichl	oro-5,5-dimethylhy	dantoin; and, (c) 1,3-dichle	oro-5-ethyl-5-methylhyd	antoin	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
870.3250/ 82-3	Subchronic Dermal Toxicity, 90 Days					
870.4100/83-1	Chronic Feeding Toxicity					
870. 4200/83-2	Oncogenicity					
870.3700/83-3	83-3 Teratogenicity/ Developmental Toxicity					
870.3800/83-4	Reproduction and Fertility Effects					
870. 5100 - 870.5915/84-2	Genetic Toxicity					
870.7485/85-1	Metabolism and Pharmokinetics					
875.1200/133-3	Applicator Exposure					
835.2110 or 835.2120/161-1	Hydrolysis					
835.2240/161-2	Photodegradation in water					
162-3	Anaerobic Aquatic Metabolism					
162-4 Aerobic Aquatic Metabolism						
835.1230 or 835.1240/163-1	Leaching and Adsorption/Desorption					
850.1730165-4 Bioconcentration In Fish Organisms						
* Please note that Lonza. In	c. is currently an active member in good star	nding with the Antim	nicrobiał Exposure Assessm	ent Task Force headed b	ov the American	

Signature	Name and Title:	Date
	Kari Mavian, Director, Regulatory Services	October 22, 2010
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Please note that Lonza, Inc. is currently an active member in good standing with the Antimicrobial Exposure Assessment Task Force headed by the American Chemical Council Biocides Panel, and, therefore, shares ownership of the data identified by these MRID numbers.